

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicants** 

Cody et al.

Serial No.

10/622,682

Examiner

Not Yet Assigned

Filed

July 18, 2003

Group Art Unit:

1712

For

METHOD FOR INCORPORATING ANIONIC MOLECULES INTO A

SUBSTRATE FOR INCREASING DISPERSIBILITY OF ANIONIC

**MOLECULES** 

Customer No.:

21003

# INFORMATION DISCLOSURE STATEMENT

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 9, 2004

Date of Deposit

Carmella L. Stephens

41,328

Attorney Name

Patent Reg. No.

January 9, 2004

Signature

Date of Signature

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §§1.97 and 1.98, applicants respectfully request that the documents listed below in reverse chronological order and on the accompanying PTO 1449 be considered

by the Examiner and made of record in the above-referenced application. Copies of the documents listed are enclosed.

- Rose, J., "Nanocomposite TPO Part Is Ready to Hit the Road for GM," Modern Plastics, (Oct. 2001), p. 37.
- 2. US Patent No. 6,242,500 by Lan et al., issued June 5, 2001.
- 3. US Patent No. 5,804,613 by Beall et al., issued September 8, 1998.
- 4. US Patent No. 5,759,938 by Cody et al., issued June 2, 1998.
- 5. US Patent No. 5,735,943 by Cody et al., issued April 7, 1998.
- 6. US Patent No. 5,725,805 by Kemnetz et al., issued March 10, 1998.
- 7. US Patent No. 5,696,292 by Cody et al., issued December 9, 1997.
- 8. US Patent No. 5,667,694 by Cody et al., issued September 16, 1997.
- 9. US Patent No. 5,634,969 by Cody et al., issued June 3, 1997.
- 10. US Patent No. 5,075,033 by Cody et al., issued December 24, 1991.
- 11. US Patent No. 4,894,182 by Cody et al., issued January 16, 1990.
- 12. US Patent No. 4,742,098 by Finlayson et al., issued May 3, 1988.
- 13. US Patent No. 4,664,820 by Magauran et al., issued May 12, 1987.
- 14. US Patent No. 4,517,112 by Mardis et al., issued May 14, 1985.
- 15. US Patent No. 4,450,095 by Finlayson, issued May 22, 1984.
- 16. US Patent No. 4,434,076 by Mardis et al., issued February 28, 1984.
- 17. US Patent No. 4,434,075 by Mardis et al., issued February 28, 1984.
- 18. US Patent No. 4,412,018 by Finlayson et al., issued October 25, 1983.
- 19. US Patent No. 4,410,364 by Finlayson et al., issued October 18, 1983.

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- 20. US Patent No. 4,391,637 by Mardis et al., issued July 5, 1983.
- 21. US Patent No. 4,208,218 by Finlayson, issued June 17, 1980.
- 22. US Patent No. 4,116,866 by Finlayson, issued September 26, 1978.
- 23. US Patent No. 4,105,578 by Finlayson et al., issued August 8, 1978.
- 24. US Patent No. 4,081,496 by Finlayson, issued March 28, 1978.
- 25. US Patent No. 3,855,147 by Granquist, issued December 17, 1974.
- 26. US Patent No. 3,852,405 by Granquist, issued December 3, 1974.
- 27. US Patent No. 3,844,979 by Hickson, issued October 29, 1974.
- 28. US Patent No. 3,844,978 by Hickson, issued October 29, 1974.
- 29. US Patent No. 3,671,190 by Neumann, issued June 20, 1972.
- 30. US Patent No. 3,666,407 by Orlemann, issued May 30, 1972.
- 31. US Patent No. 3,586,478 by Neumann, issued June 22, 1971.
- 32. US Patent No. 3,252,757 by Granquist, issued May 24, 1966.
- 33. US Patent No. 3,136,819 by Shapiro et al., issued June 9, 1964.
- 34. US Patent No. 2,966,506 by Jordan, issued December 27, 1960.
- 35. US Patent No. 2,775,617 by Shapiro et al., issued December 25, 1956.
- 36. US Patent No. 2,355,356 by Young, Jr., issued August 8, 1944.

Identification of the listed documents is not to be construed as an admission of the applicants or attorneys for applicants that such citations are available as "prior art" against the subject application. If the Examiner applies the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law

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regarding the appropriate status of the documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

There should be no fee required for this submission. However, if any fee is required, or if any overpayment has been made, the Commissioner is hereby authorized to charge any fees, or credit or any overpayments made, to Deposit Account 02-4377. A duplicate copy of this paper is enclosed.

Respectfully submitted, BAKER BOTTS L.L.P.

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Form PTO-1449 U.S. Department of Commerce (REV. 2-82) Patent and Trademark Office

네 Satty. Docket No. SAP34568 – 070132.0184

Serial No. 10/622,682

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicants Cody et al.

Filing Date
July 18, 2003

Group Art Unit 1712

#### **U.S. PATENT DOCUMENTS**

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| *Exam.<br>Init. |   |   | Docum | nent N | 0. |   |   | Date     | Name             | Class | Subclass | Filing Date ifAppropriate |
|-----------------|---|---|-------|--------|----|---|---|----------|------------------|-------|----------|---------------------------|
|                 | 6 | 2 | 4     | 2      | 5  | 0 | 0 | 06/05/01 | Lan et al.       | 516   | 101      |                           |
|                 | 5 | 8 | 0     | 4      | 6  | 1 | 3 | 09/08/98 | Beall et al.     | 523   | 200      |                           |
|                 | 5 | 7 | 5     | 9      | 9  | 3 | 8 | 06/02/98 | Cody et al.      | 502   | 62       |                           |
|                 | 5 | 7 | 3     | 5      | 9  | 4 | 3 | 04/07/98 | Cody et al.      | 106   | 164.3    |                           |
|                 | 5 | 7 | 2     | 5      | 8  | 0 | 5 | 03/10/98 | Kemnetz et al.   | 252   | 315.2    |                           |
|                 | 5 | 6 | 9     | 6      | 2  | 9 | 2 | 12/09/97 | Cody et al.      | 564   | 296      |                           |
|                 | 5 | 6 | 6     | 7      | 6  | 9 | 4 | 09/16/97 | Cody et al.      | 210   | 679      |                           |
|                 | 5 | 6 | 3     | 4      | 9  | 6 | 9 | 06/03/97 | Cody et al.      | 106   | 287.17   |                           |
|                 | 5 | 0 | 7     | 5      | 0  | 3 | 3 | 12/24/91 | Cody et al.      | 252   | 315.2    |                           |
| <del>,</del>    | 4 | 8 | 9     | 4      | 1  | 8 | 2 | 01/16/90 | Cody et al.      | 252   | 315.2    |                           |
| ,               | 4 | 7 | 4     | 2      | 0  | 9 | 8 | 05/03/88 | Finlayson et al. | 523   | 514      |                           |
|                 | 4 | 6 | 6     | 4      | 8  | 2 | 0 | 05/12/87 | Magauran et al.  | 252   | 28       |                           |
|                 | 4 | 5 | 1     | 7      | 1  | 1 | 2 | 05/14/85 | Mardis et al.    | 252   | 315.2    |                           |
|                 | 4 | 4 | 5     | 0      | 0  | 9 | 5 | 05/22/84 | Finlayson        | 252   | 315.2    |                           |
|                 | 4 | 4 | 3     | 4      | 0  | 7 | 6 | 02/28/84 | Mardis et al.    | 252   | 315.2    |                           |
|                 | 4 | 4 | 3     | 4      | 0  | 7 | 5 | 02/28/84 | Mardis et al.    | 252   | 315.2    |                           |
|                 | 4 | 4 | 1     | 2      | 0  | 1 | 8 | 10/25/83 | Finlayson et al. | 523   | 508      |                           |
|                 | 4 | 4 | 1     | 0      | 3  | 6 | 4 | 10/18/83 | Finlayson et al  | 106   | 20       |                           |
|                 | 4 | 3 | 9     | 1      | 6  | 3 | 7 | 07/05/83 | Mardis et al.    | 106   | 20       |                           |
|                 | 4 | 2 | 0     | 8      | 2  | 1 | 8 | 06/17/80 | Finlayson        | 106   | 287.25   |                           |
|                 | 4 | 1 | 1     | 6      | 8  | 6 | 6 | 09/26/78 | Finlayson        | 252   | 316      |                           |
|                 | 4 | 1 | 0     | 5      | 5  | 7 | 8 | 08/08/78 | Finlayson et al  | 252   | 316      |                           |
|                 | 4 | 0 | 8     | 1      | 4  | 9 | 6 | 03/28/78 | Finlayson        | 260   | 864      |                           |

Examiner

Date Considered

<sup>\*</sup> Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. NY02:469153.1

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Form PTO-1449 U.S. Department of C mmerce Atty. Docket No.

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Serial No. 10/622,682

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Cody et al.

Filing Date July 18, 2003 Group Art Unit 1712

|   | 3 | 8 | 5 | 5 | 1 | 4 | 7 | 12/17/74 | Granquist      | 252 | 317   |
|---|---|---|---|---|---|---|---|----------|----------------|-----|-------|
|   | 3 | 8 | 5 | 2 | 4 | 0 | 5 | 12/03/74 | Granquist      | 423 | 118   |
|   | 3 | 8 | 4 | 4 | 9 | 7 | 9 | 10/29/74 | Hickson        | 252 | 455   |
|   | 3 | 8 | 4 | 4 | 9 | 7 | 8 | 10/29/74 | Hickson        | 252 | 455   |
|   | 3 | 6 | 7 | 1 | 1 | 9 | 0 | 06/20/72 | Neumann        | 23  | 111   |
|   | 3 | 6 | 6 | 6 | 4 | 0 | 7 | 05/30/72 | Orlemann       | 23  | 111   |
|   | 3 | 5 | 8 | 6 | 4 | 7 | 8 | 06/22/71 | Neumann        | 23  | 111   |
|   | 3 | 2 | 5 | 2 | 7 | 5 | 7 | 05/24/66 | Granquist      | 23  | 111   |
|   | 3 | 1 | 3 | 6 | 8 | 1 | 9 | 06/09/64 | Shapiro et al. | 260 | 583   |
|   | 2 | 9 | 6 | 6 | 5 | 0 | 6 | 12/27/60 | Jordan         | 260 | 448   |
|   | 2 | 7 | 7 | 5 | 6 | 1 | 7 | 12/25/56 | Shapiro et al. | 260 | 567.6 |
| 1 | 2 | 3 | 5 | 5 | 3 | 5 | 6 | 08/08/44 | Young, Jr.     | 260 | 583   |

## FOREIGN PATENT DOCUMENT

| , | Document No. |  |  |  |  |  |  | Date | Country | Class | SubClass | <u>Trans</u><br>Yes | <u>lator</u><br>No |
|---|--------------|--|--|--|--|--|--|------|---------|-------|----------|---------------------|--------------------|
|   |              |  |  |  |  |  |  |      |         |       |          |                     |                    |
|   |              |  |  |  |  |  |  |      |         | -     |          |                     |                    |
|   |              |  |  |  |  |  |  |      |         |       |          |                     |                    |

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

|  | Rose, J., "Nanocomposite TPO Part Is Ready to Hit the Road for GM," <i>Modern Plastics</i> , (Oct. 2001), p. 37 |
|--|---|
|  |   |
|  |   |

Examiner

Date Considered

Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. NY02:469153.1